

**Hollow profile with a polyurethane foam filling and process for the production of a hollow profile filled with a polyurethane foam**

**A b s t r a c t**

Hollow profiles (1) with a polyurethane foam filling (2) may be produced in a particularly advantageous manner by applying a liquid reaction mixture (15) onto a support material insert (3) while the support material insert (3) together with the reaction mixture (15) is simultaneously drawn into the hollow profile (1) at a constant speed, wherein a support material insert (3) is used which exhibits delayed permeability to the reaction mixture (15), wherein the period of delay extends from the time of application of the reaction mixture (15) until introduction into the hollow profile (1), and wherein thereafter the support material insert (3) becomes permeable to the reaction mixture (15) and, as it forms, the foam (2) adheres well to the internal wall (4) of the hollow profile (1) over the entire cross-section of the profile.

(Fig. 3)

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